DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

the specification of which (check one)

Sure Byill a to

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SEMICONDUCTOR TYPE TWO PHASE LOCKED LOOP FILTER

x	is attached here	eto.		
	was filed on as Application S and was amend			
			tand the contents of the dment referred to above.	above identified specification,
	wledge the duty rdance with Title		which is material to the p	patentability of this application
or inver	ntor's certificate	listed below and have al	le 35, USC 119 of any fo so identified below any fo hat of the application on v	preign application(s) for patent preign application for patent or which priority is claimed:
	Prior Foreign Application(s):			
	0228611.0 Number	United Kingdom Country	7 December 2002 Filing Date Day/Month/Year	_X_YesNo Priority Claimed
insofar United acknow in Title	as the subject States applicati ledge the duty to 37, CFR 1.56 wh	matter of each of the of on in the manner provo disclose information m	claims of this application rided by the first paragraterial to the patentability	application(s) listed below and, is not disclosed in the prior aph of Title 35, USC 112, I of this application as defined application and the national or
	Prior U.S. Appli	cations:		
	Serial No.	Filing I	Date	Status

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Paik Saber, Reg. No. 37,494; Randall J. Bluestone, Reg. No. 40,518; Ron Feece, Reg. No. 46,327; William D. Gill, Reg. No. 44,124; Esther E. Klein, Reg. No. 33,409; Robert B. Martin, Reg. No. 26,945; Douglas R. Millett, Reg. No. 31,784; Lewis L. Nunnelley, Reg. No. 42,942; Abdy Raissinia, Reg. No. 38,686; Christopher A. Hughes, Reg. No. 26,914; John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,753; Stanley B. Green, Reg. No. 24,351.

Send all correspondence to:

IBM Corp, IP Law, Dept L2PA/014-2, 5600 Cottle Road, San Jose, CA 95193. Telephone: (408)256-

FULL NAME OF SOLE OR FIR	ST INVENTOR: James Stephen Mason			
INVENTOR'S SIGNATURE:	J S Masen			
DATE:	10 November 2003			
RESIDENCE:	1 Royston Avenue, Eastleigh, Hampshire SO50 4NH, United Kingdom.			
CITIZENSHİP:	British			
POST OFFICE ADDRESS:	Same as residence			

Docket No: GB920020058US1

ASSIGNMENT

Whereas, I, of City of Eastleigh James Stephen Mason and State of United Kingdom County of Hampshire have invented certain improvements in SEMICONDUCTOR TYPE TWO PHASE LOCKED LOOP FILTER and executed, a United States patent application therefor on 10 November 2003 Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor; Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM. James Stephen Mason